

Government Polytechnic, Ambad

DEPARTMENT OF MECHANICAL ENGINEERING



ISSUE 1/2022

DATE: FEB TO JULY 2022

Vision of the Department:

Department strives to be excellence in education & training to render employability & entrepreneur qualities through blended learning & collaborative practices

Mission of the Department

- ◆ To impart quality technical education to enhance technical skills.
- ◆ To develop entrepreneurs, innovators & life-long learners with due exposure to industries.
- ◆ To inculcate human & ethical responsibilities by achieving academic excellence.

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Combined Efforts of Parents and Teachers Important for Development of Students : Principal, Dr. A. M. Jinturkar on the occasion of MESA inauguration



April 12, 2022

Students from the department have formed MESA—Mechanical Engineering Students’ Association with the very important cause to support student performance. Installation ceremony was chaired by Dr.

Jinturkar, Principal of our institute. Speaking on the occasion he emphasized on overall development of students through various student centered activities. All teachers n students witnessed a well organized function. MESA President presented vote of thanks at the end of scheduled function.

MECHANICAL ENGINEERING STUDENT ASSOCIATION	
MESA	
GOVERNMENT POLYTECHNIC, AMBAD	
President	Chitresh Dhake
Vice President	Vishal Sukhdeo
Cultural Secretary	Yash Pardeshi
Technical Secretary	Pavan Tawar
Treasurer	Vikas Dake
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	Vivek Kharad
Prof. M. B. Sanap	Prof. A. H. Choudhary
Prof. M. S. Lakal	Dr. A. M. Jinturkar
HOD	PRINCIPAL

Supported by all staff & all students of Mechanical Engineering Department

Campus Interview: More than 50 Mechanical Engineering students Placed during 2021-22

As of every year, in the academic Year 2021-22 the well known industry in Automobile sector, bearings, fixtures, tyres, etc. had conducted selection processes for recruitment for Mechanical Engineer. About 50 students of Mechanical Engineering Branch had appeared for the same. Training and Placement officer Prof. N. S. Khandagale taken keen efforts for this campus interviews. Hon . Principal, Head of Department, Lecturers and All staff members congratulated all successful students and TPO department for this success. Placement restored confidence in students.





I m a Mechanical Engineer



This is my identity

Safety First at home or outside: Prof. Ghorpade



April 2, 2022

Expert lecture on the theme of Safety Management was delivered by Prof. Satish Ghorpade from Aurangabad. Target group was our third year students.

He explained all the technical aspects of accident, reasons and corrective actions thereafter. As Mr. Ghorpade had an experience of high voltage line in Mahadiscom, illustrated many real life examples to the students.

Safety precautions was the theme of his session. Around 55 students were benefitted out of this session. Prof. Sanap presented votes of thanks.



Become a problem solver: Prof. Hiwrale



April 2, 2022

Expert lecture on the theme of Problem Solving Attitude was delivered by Prof. Umesh Hiwrale from Aurangabad. Target group was our third year students.

He was very much focused on problems, evolution of problems then generating different solutions. Talk was really informative to solve day to day life problems. Illustrations regarding how to solve technical problems too. Having experience in mechanical industry he was able to connect to the students on the topic very quickly. It was so much in lucid and simple language. At the end Mr. Chitresh our student has presented word of thanks.



Expert Lecture Series: Personality Development, Safety Management & Problem Solving



April 2, 2022

Department of Mechanical Engineering, Government

April 2022 for our third year students. Department has invited Prof. Ghuge to

Polytechnic Ambad had organized series of Expert Lectures on 2nd

talk on Personality Development, Prof. Hiwarale to conduct session on Problem Solving Attitude and Prof. Ghorpade to focus the topic of Safety Management.

It proved very much useful to students. All sessions were very much informative and well interactive.

Develop personality through your knowledge & abilities: Prof. Ghuge



He explained all aspects of personality. Suggested one in many tips to students to be passionate about health and personality traits.

At the end Mr. Chitresh our student has presented word of thanks.

There was special time slot for Q and A. Some of the questions and doubts were discussed by Prof. Ghuge.



April 2, 2022

Expert lecture on the topic of Personality Development was delivered by Prof. Ganesh Ghuge from Aurangabad. Target group was our third year students.

He presented many illustrations from sports figures. The session was a great success as the students are inclined towards this topic naturally.

He made the session free launce and interactive.

Feedback given by the students about the session was excellent. Students have demanded that such programs should be arranged frequently.

Industrial Visits: observe & learn as much as you can

May 5, 2022

Industrial visits are extremely important to observe key points in industry. Visit was arranged to ST workshop, Mauli spares & Services, Navnath Engineering, Shree Power corporation and Shrikant wheel alignment & balancing unit. Students from second & third year along with teachers have done this

activity successfully. Our head Prof. M. S. Lakal, Prof. S. M. Aher & Prof. N. S. Khandagale took necessary efforts.

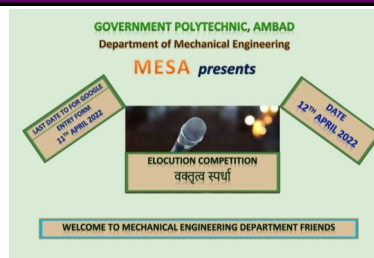
People from all above industries given important information to students.



MESA organized Elocution Competition

April 12, 2022

Elocution Competition was organized by the department on April 12, 2022. It was open to all the students to our polytechnic. Event received nice response from the all the branches having registered more than 40 participants. Principal Dr. Jinturkar Sir inaugurated the event saying that such activities would boost confidence of students and enhance their courage. Co-ordinator Prof. Sanap gave preamble to the function. MESA committee members ac-



tively supported the competition. It was a big success. Prof. Saraf & Prof. Mrs. Kamble did the job of evaluation.



MESA presents

वक्तृत्व स्पर्धा

दि. १२ एप्रिल २०२२, मंगळवार

Invitation

वेळ: स. ११ वा. स्थळ: यंत्र विभाग

स्पर्धेचे विषय

1. अधिकांकुल आणि अधिकांकुल विभाग पदवी: माझे विचार
2. अधिकांकुल असेल नास्तिकता काय आहे: माझे मत
3. उपरोक्त विषयांचे विचार : कदाचीत मला
4. महात्माजी डॉ. जयरावजी आंबेडकर यांचे विचार
5. तुम्हाला काकोतील अशाचे कर्तव्य वाटताना

प्रमुख पाहुणे:
डॉ. ए. एम. जितुरकर, प्राचार्य

संस्थेतील सर्व विभाग प्रमुख, प्राध्यापक, कर्मचारीवृंद यांना उद्घाटन व स्पर्धेकरिता सस्नेह निमंत्रण.

यंत्र अभियांत्रिकी विभाग
शासकीय तंत्रनिकेतन
अंबड

Vocational Training: Tata Motors provides very good hands on skills to students

July 10, 2022

Tata motors service station at Aurangabad i.e. Satakshi Automotive provided an opportunity to our students to undergo inplant training. This service center provides repair work to all heavy duty trucks and long vehicles.

Students gained very much knowledge and skills during the period. It was experience that was as good as working in some industry. Mr. Yogesh Salame guided the students all the way through.



“Yes You Can” E-Book published: Authored by Prof. Sanap



May 21, 2022

E-Book titled “YES YOU CAN” is published benefitting to student fraternity. Its authored by Prof. M. B. Sanap and focuses upon im-

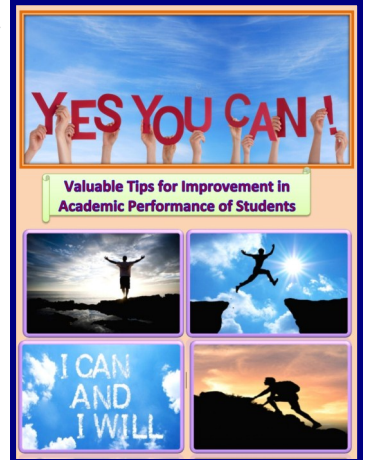
portant tips to improve academic performance of the students.

Various aspects of overall development of students are explained in very simple language. Most distinguishing feature of the book is its bilingual in Marathi & English.

How to study, how to nurture ourself, how to manage our time, how to keep health, etc. points are covered in this e-book.

Its been circulated all over Maharashtra state to various polytechnic and engineering students. The book is like a SOP for success in career.

HOD & staff congratulated Prof. M. B. Sanap for his efforts and innovativeness in writing.



Vocational Training: Best Opportunity for students to inculcate practical aspects

4th semester students joined inplant training in 24 reputed industries: Our TPO's role vital

July 1, 2022

After the completion of 4th semester students are placed to inplant training in different industries in Jalna and Aurangabad MIDC areas. Vocational or Inplant training really presented nice opportunity to students to

stay updated in terms of practicals and hands on skills. Understanding profile of company, people, machines, systems, tools, assembly lines, softwares, etc give them knowledge about engineering. During and after the training feedback system is adopted in order to have better learning to students.

Prof. N. S. Khandagale has been key person in arrangement of every thing.



CIPET Engineer guides the path to success to budding engineers

April 10, 2022

Engineer from CIPET institute shared his experiences with our final year students regarding CIPET organization and its training programs. He has given introduction about Short Term Training Programs, Modular Training Programs, Entrepreneurship Development Programs & other things. From our first location in Chennai, we now have 39 locations in 22 States and few more are in the process of Establishment. Every campus offers state-of-art facilities, turning out alumni with an innovative mind set and an entrepreneurial

spirit. Our campuses are workshops for inventing the future, where students work with award winning faculty and experts to translate learning and research into action. All the CIPET centres are equipped with state-of-the-art with excellent facilities in the areas of Design, CAD/CAM/CAE, Tooling & Mould Manufacturing, Plastics Processing, Testing and Quality Assurance with plan fund support from Government of India. In-line with the ever changing & challenging needs of the plastic industries, we continuously upgrade and modernize machinery, equipment.



Engineers are creators. They think...they imagine...they draw and develop the systems for the people.

First year guidance & counseling

July 12, 2022: Admission process of first year for the academic year 2022-23 is started. The process is completely online and hence parents and students need guidance counseling facility. That has been keenly extended by the institute. Prof. M. B. Sanap from the dept is incharge of that committee.



शासकीय तंत्रनिकेतन, अंबड, जिल्हा जालना
 पॉलिटेक्नीक (पदविका) प्रवेशपूर्व मार्गदर्शन विधी - २०२२
 दिनांक ०५ ऑगस्ट २०२२ सकाळी ११.३० वाजता

कार्यक्रमाचे व मार्गदर्शक:

- डा. बी. जयेश नापठेरे
- महासंचालक, अभियांत्रिकी विभाग
- डॉ. अरविंद साहू
- सहायक कुलसंचालक, अंबड
- डॉ. राजेश सुरे साहू
- सहायक कुलसंचालक, अंबड
- डॉ. अक्षय भा. चिंतुकर
- सहायक उपचेअर प्रिन्सिपल
- डॉ. मनोज म. बानबेरे
- सहायक उपचेअर प्रिन्सिपल
- डॉ. माणिक म. सायल
- सहायक उपचेअर प्रिन्सिपल

मार्गदर्शक विधिराचे ठळक वैशिष्ट्ये

- उद्योगांचे सर्वांगीण/आवक्य समीक्षण
- भावी विद्यार्थ्यांचे प्रयोग
- समाजीय विचार प्रस्थापने योग्यता
- विशेष शैक्षणिक/व्यावसायिक अडथळे/समस्यांचा तसे
- विशेष शैक्षणिक/व्यावसायिक मार्गदर्शक
- अभियांत्रिकी/आवक्या/व्यवसायिक मार्गदर्शक
- समाजीय/व्यावसायिक मार्गदर्शक
- Option Form भरण्याबाबत मार्गदर्शन
- उपविभागाचे/उद्योगी/व्यावसायिक/व्यवसायिक

दिनांक - ०५ ऑगस्ट २०२२
 सकाळी ११.३० ते १२.३०



Complete info of GP Ambad through videos makes positive impact on admissions: Prof. M. B. Sanap while working as in-charge of guidance & counseling has produced videos of faculty presenting information of first year admissions for the year 2022-23. Also the important aspects of engineering branches have been explained in videos by respective faculty. Dr. Nemade, Prof. et al Burkul, Awate, Saraf, Sanap, Jhunjare, Khandagale, More, Bhilegaonkar have presented information about their departments and institute as a whole. Opportunities and facilities available in their departments are highlighted in videos. Videos are worth guide for aspiring students.

शासकीय तंत्रनिकेतन अंबड नाम तो सुना ही होगा....

Computer, Information Technology, Artificial Intelligence Branches बढल अच्चल माहिती....

शासकीय तंत्रनिकेतन, अंबड जि. जालना.

Dr. Saraf speaks about Admission Process

शासकीय तंत्रनिकेतन, अंबड जि. जालना.

Dr. Nemade, Prof. Khandagale & Prof. Burkul on Selection of Branch

Prof. More, HOD Civil & Prof. Bhilegaonkar, HOD Electrical: Guidance about Branch selection

शासकीय तंत्रनिकेतन, अंबड जि. जालना.

प्रा. पांडुरंग आवटे संस्थेतील सोयीसुविधा विषयी माहिती

5S in Automobile Lab: Clear cut difference Before & After



Before



I m a Mechanical Engineer



This is my identity



After



4 cylinder engine parts were lying on the lab floor making the place look untidy. So final year students took it as a task and 5S is adopted. Parts are sorted first and they are set in order. Then finally are placed in right places. Prof. M. B. Sanap guided the group.



Third year students contribute towards 5S in the lab